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02-09-01

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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/758,308

DATE: 01/29/2001
TIME: 16:44:38

Input Set : A:\W083654.txt
Output Set: N:\CRF3\01292001\I758308.raw

3 <110> APPLICANT: HOWARD A. FIELDS AND YURY E. KHUDYAKOV
6 <120> TITLE OF INVENTION: ANTIGENIC EPITOPES AND MOSAIC POLYPEPTIDES OF HEPATITIS C VIRUS
7 PROTEINS
10 <130> FILE REFERENCE: 14114.034902
C--> 13 <140> CURRENT APPLICATION NUMBER: US/09/758,308
C--> 14 <141> CURRENT FILING DATE: 2001-01-10
17 <150> PRIOR APPLICATION NUMBER: 60/092,339
18 <151> PRIOR FILING DATE: 1999-07-10
21 <160> NUMBER OF SEQ ID NOS: 5
24 <170> SOFTWARE: PatentIn version 3.0
27 <210> SEQ ID NO: 1
28 <211> LENGTH: 91
29 <212> TYPE: PRT
30 <213> ORGANISM: Hepatitis C Virus
33 <400> SEQUENCE: 1
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38 Arg Arg Pro Gln Asp Val Lys Phe Pro Gly Gly Gly Gln Ile Val Gly
39 20 25 30
41 Gly Val Tyr Leu Leu Pro Arg Arg Gly Pro Arg Leu Gly Val Arg Ala
42 35 40 45
44 Thr Arg Lys Thr Ser Glu Arg Ser Gln Pro Arg Gly Arg Arg Gln Pro
45 50 55 60
47 Ile Pro Lys Ala Arg Arg Pro Glu Gly Arg Thr Trp Ala Gln Pro Gly
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51 Tyr Pro Trp Pro Leu Tyr Gly Asn Glu Gly Met
52 85 90
54 <210> SEQ ID NO: 2
55 <211> LENGTH: 102
56 <212> TYPE: PRT
57 <213> ORGANISM: Hepatitis C Virus
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64 Ile Pro Phe Tyr Gly Lys Ala Ile Pro Ile Glu Ala Ile Lys Gly Gly
65 20 25 30
68 Arg His Leu Ile Phe Cys His Ser Lys Lys Lys Cys Asp Glu Leu Ala
69 35 40 45
71 Ala Lys Leu Thr Gly Leu Gly Leu Asn Ala Val Ala Tyr Tyr Arg Gly
72 50 55 60
74 Leu Asp Val Ser Val Ile Pro Thr Ser Gly Asp Val Val Val Ala Thr
75 65 70 75 80
77 Asp Ala Leu Met Thr Gly Phe Thr Gly Asp Phe Asp Ser Val Ile Asp
78 85 90 95
80 Cys Asn Thr Cys Val Thr
81 100
83 <210> SEQ ID NO: 3

ENTERED

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85 <212> TYPE: PRT
86 <213> ORGANISM: Hepatitis C Virus
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95 20 25 30
97 Cys Ala Ser His Leu Pro Tyr Ile Glu Gln Gly Met Gln Leu Ala Glu
98 35 40 45
101 Gln Phe Lys Gln Lys Ala Leu Gly Leu Leu Gln Thr Ala Thr Lys Gln
102 50 55 60
103 Ala Glu Ala Ala Ala Pro Val Val Glu Ser Lys Trp Arg Ala Leu
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107 <210> SEQ ID NO: 4
108 <211> LENGTH: 33
109 <212> TYPE: PRT
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120 Leu
123 <210> SEQ ID NO: 5
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125 <212> TYPE: PRT
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128 <400> SEQUENCE: 5
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133 Glu Ala Asn Leu Leu Trp Arg Gln Glu Met Gly Gly Asn Ile Thr Arg
134 20 25 30
136 Val Glu Ser Glu Asn Lys Val Val Ile Leu Asp Ser Phe Asp Pro Ile
137 35 40 45
139 Arg Ala Val Glu Asp Glu Arg Glu Ile Ser Val Pro Ala Glu Ile Leu
140 50 55 60
142 Arg Lys Pro Arg Lys Phe Pro Pro Ala Leu Pro Ile Trp Ala Arg Pro
143 65 70 75 80
145 Asp Tyr Asn Pro Pro Leu Leu Glu Ser Trp Lys Asp Pro Asp Tyr Val
146 85 90 95
148 Pro Pro Val Val His Gly
149 100

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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/758,308

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Output Set: N:\CRF3\01292001\I758308.raw

L:13 M:270 C: Current Application Number differs, Replaced Current Application Number
L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date